

Amendments to the Claims:

Please cancel claims 50-53 and add claims 57-64. Following is a complete listing of the claims pending in the application, as amended:

1-56. (Cancelled)

57. (New) An apparatus for electrochemically processing a workpiece, comprising:

a bowl;

a cup within the bowl, with an interstitial region located between the cup and the bowl, the cup providing a process chamber and having a rim with the interstitial region being in communication with the process chamber at the rim of the cup;

an annular compartment outside the interstitial region and in communication with the interstitial region at an elevation that is above the rim of the cup; and
an outer connection that communicates with the annular compartment.

58. (New) The apparatus of claim 57 wherein the cup includes a fluid inlet and wherein the bowl includes a fluid outlet.

59. (New) The apparatus of claim 57, further comprising an anode positioned within the cup.

60. (New) The apparatus of claim 57, further comprising a workpiece support positioned to carry a workpiece at the process chamber.

61. (New) The apparatus of claim 57, further comprising a workpiece support positioned to carry a workpiece at least proximate to the rim of the cup.

62. (New) The apparatus of claim 57, further comprising a workpiece support having a rotatable rotor positioned to carry a workpiece at the process chamber.

63. (New) The apparatus of claim 57, further comprising a workpiece support positioned to carry a workpiece at the process chamber, the workpiece support having at least one electrical contact positioned to communicate electrically with the workpiece.

64. (New) The apparatus of claim 57, further comprising an anode positioned within the cup and an auxiliary electrode positioned outwardly from the anode.